

Water Audit Level 1 Validation Document

Audit Information:

Utility: Orchard Dale Water District PWS ID: 1910101
System Type: Potable Audit Period: Fiscal Year 2020/21
Utility Representation: Randy Silvestt (Superintendent), Ed Castaneda (General Manager)
Validation Date: 10/4/2021 Call Time: 9:00 AM Sufficient Supporting Documents Provided: Yes

Validation Findings & Confirmation Statement:

Key Audit Metrics:

Data Validity Score: 82 Data Validity Band (Level): Band IV
(71-90) ILI: 1.05 Real Loss: 13.30 (gal/conn/day) Apparent Loss: 3.13 (gal/conn/day)
Non-Revenue Water as a Percentage of Operating Costs: 1.9%

Certification Statement by Validator:

This water loss audit report has been Level 1 validated per the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34.

All recommendations on volume derivation and Data Validity Grades were incorporated into the water audit. ☒

Validator Information:

Water Audit Validator: Ronald Richard Validator Qualifications: CA-NV AWWA Water Loss TAP Certification

Validator Provided

Level 1 Validation Document

Water System Name: Orchard Dale Water District Water System ID Number: CA1910101

Water Audit Period:

Water Audit & Water Loss Improvement Steps:

2020/2021

Steps taken in preceding year to increase data validity, reduce real loss and apparent loss as informed by the annual validated water audit:

Replaced new 16" mag meter and connected to SCADA system

Small meter 15-year replacement program upgrade system wide to Sensus AMI

Annual testing of master meter supply meter to AWWA M36 Standards

Capital improvement program replacing aging mains Added 10 pressure monitoring meters in 2021

Certification Statement by Utility Executive:

This water loss audit report meets the requirements of California Code of Regulations Title 23, Division 2, Chapter 7 and the California Water Code Section 10608.34 and has been prepared in accordance with the method adopted by the American Water Works Association, as contained in their manual, *Water Audits and Loss Control Programs, Manual M36, Fourth Edition* and in the Free Water Audit Software version 5.

Utility Provided

Edward Castaneda

General Manager



10/4/2021

Executive Name (Print)

Executive Position

Signature

Date